

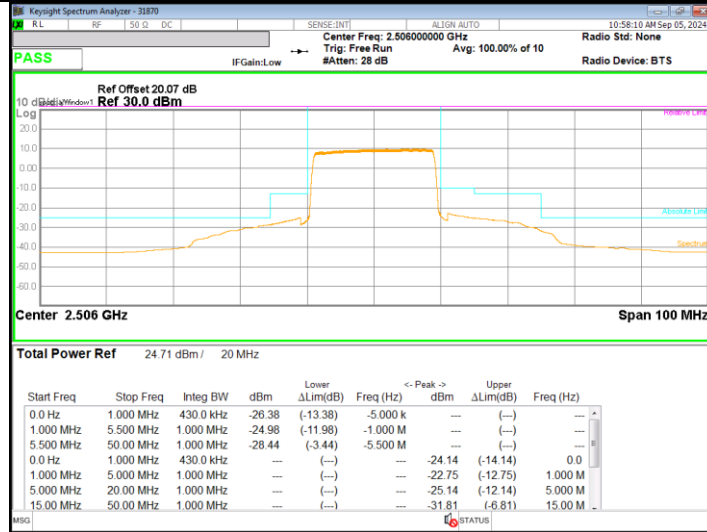


LTE Band 30 1 RB (Worst Case)

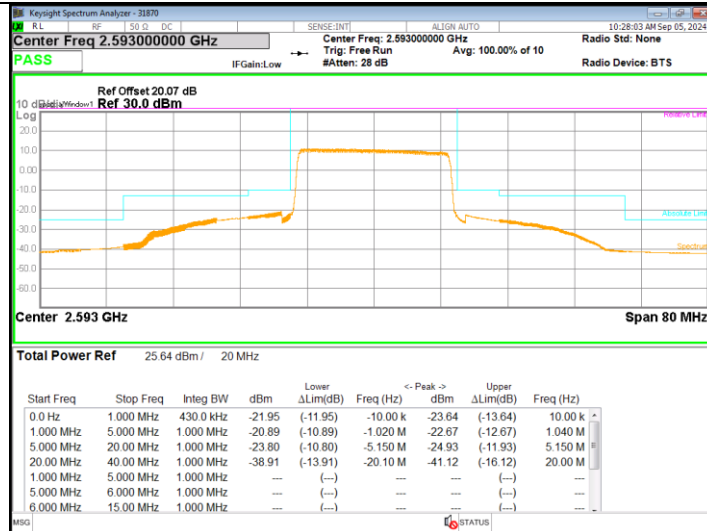


LTE Band 41 (PC2)

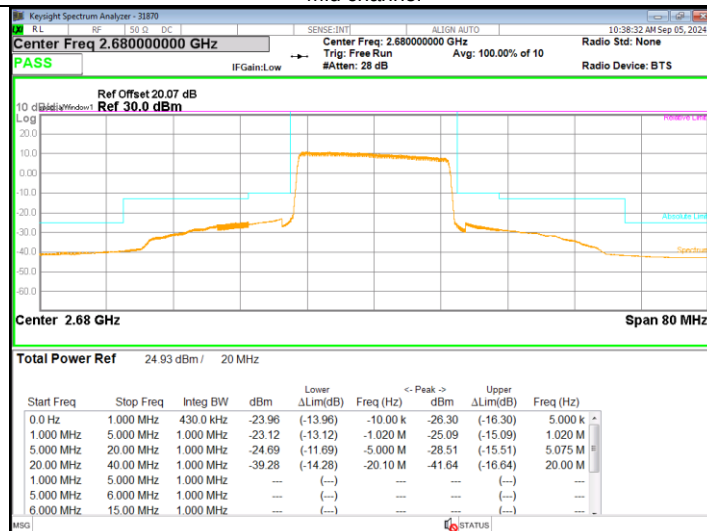
20 MHz
QPSK
FRB



Low channel



Mid channel



High channel







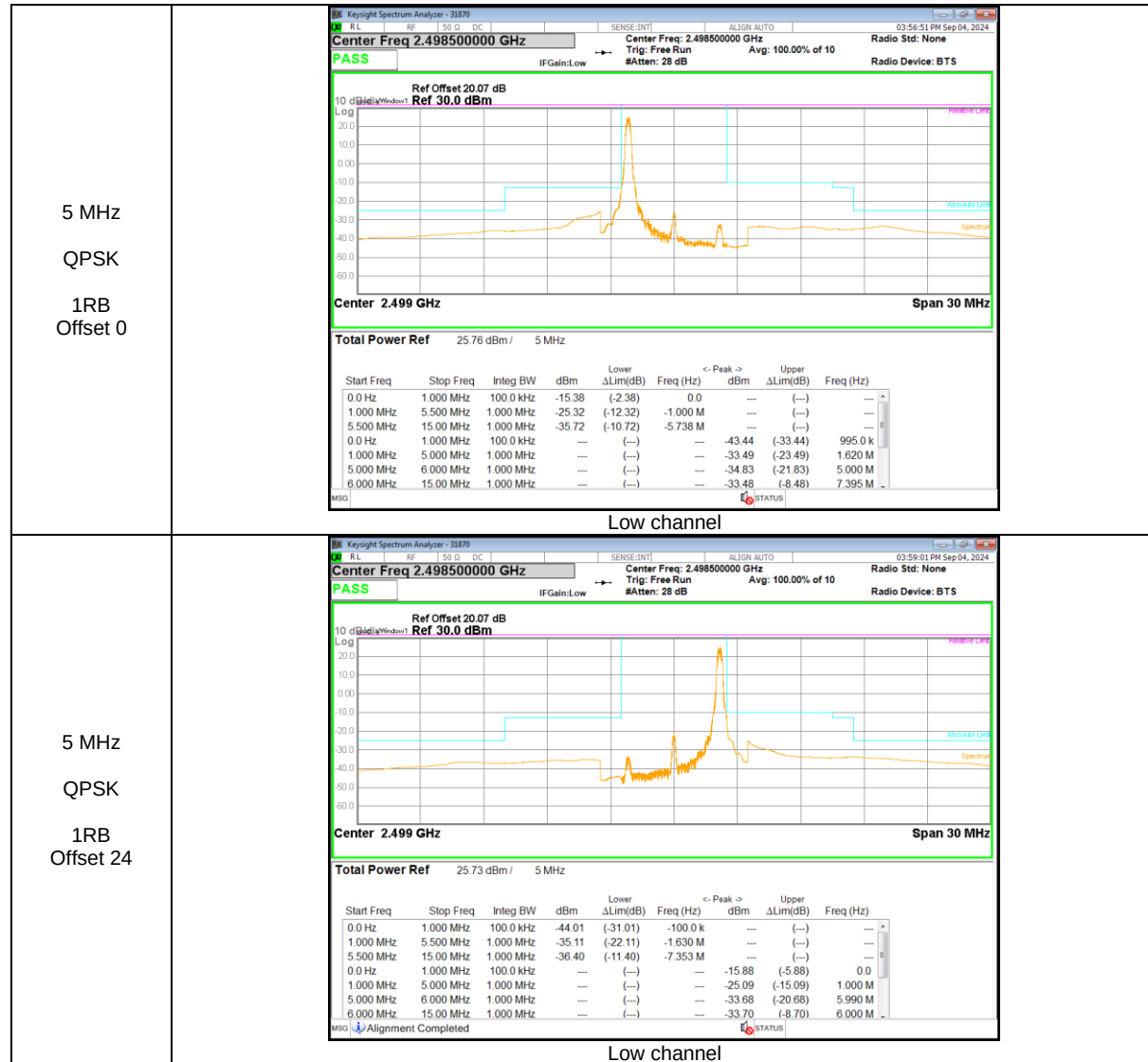


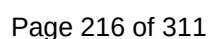


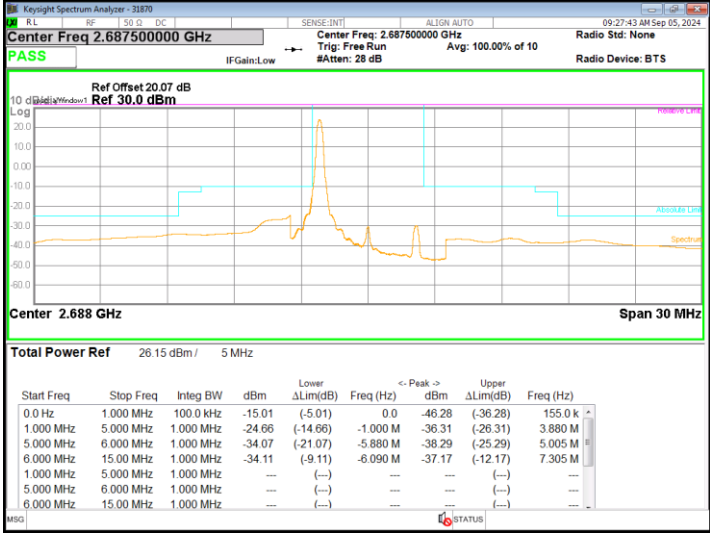
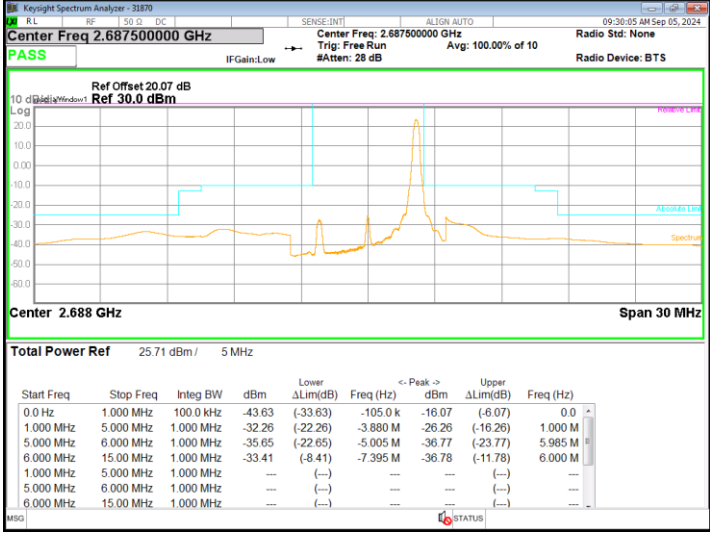




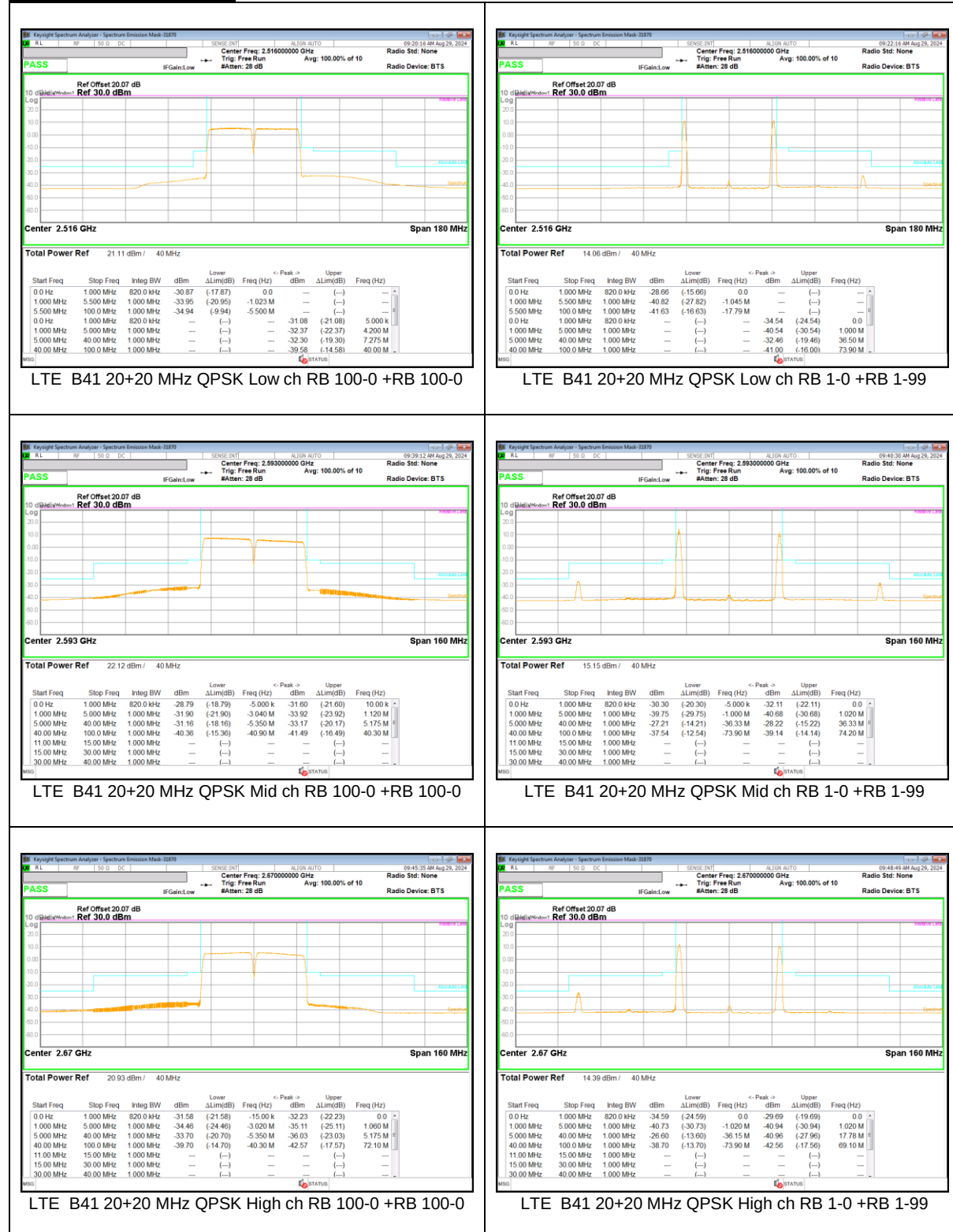
LTE Band 41 (PC2) 1 RB (Worst Case)





5 MHz QPSK 1RB Offset 0	 High channel
5 MHz QPSK 1RB Offset 24	 High channel

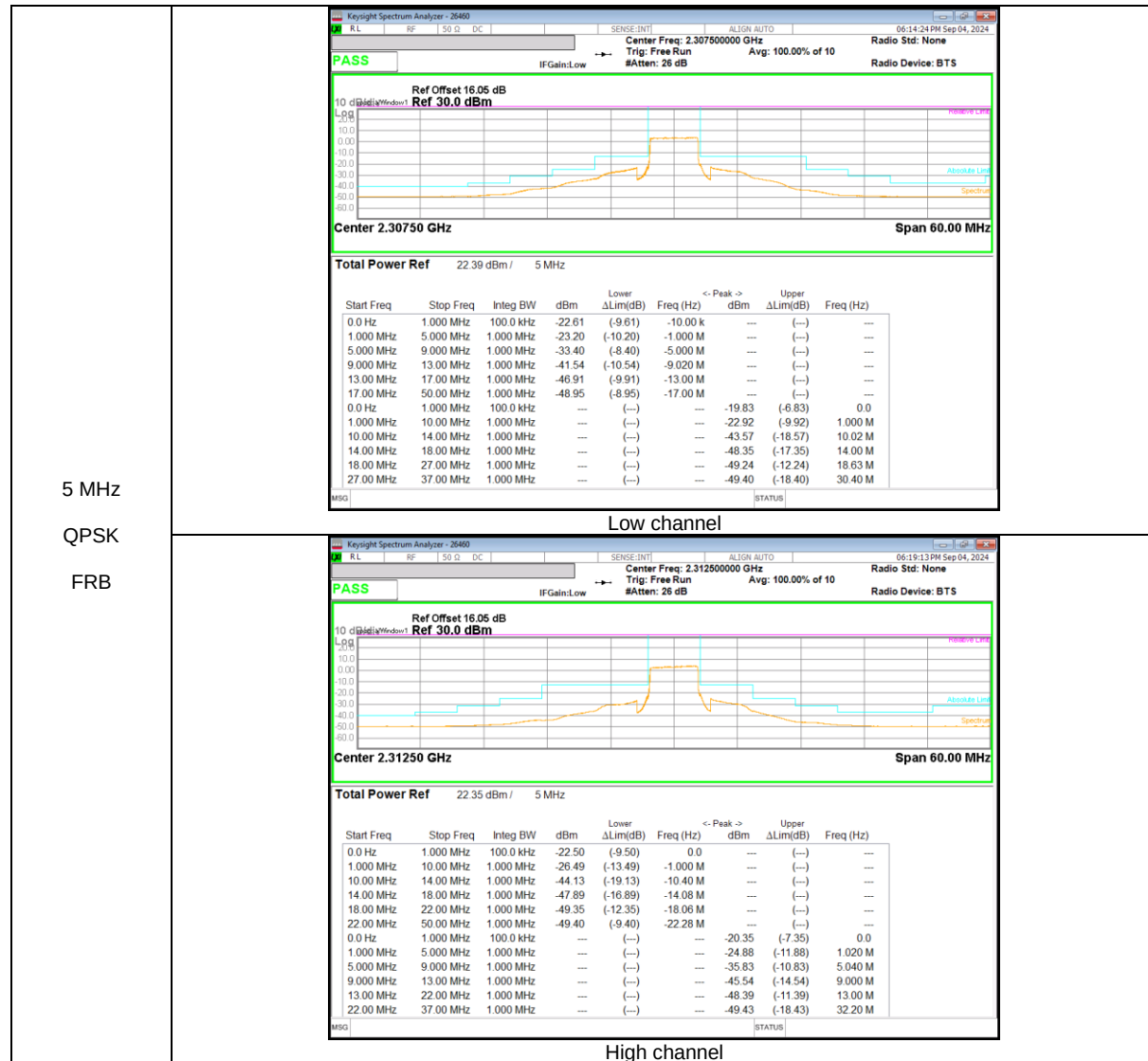
LTE Band 41C (UL CA)

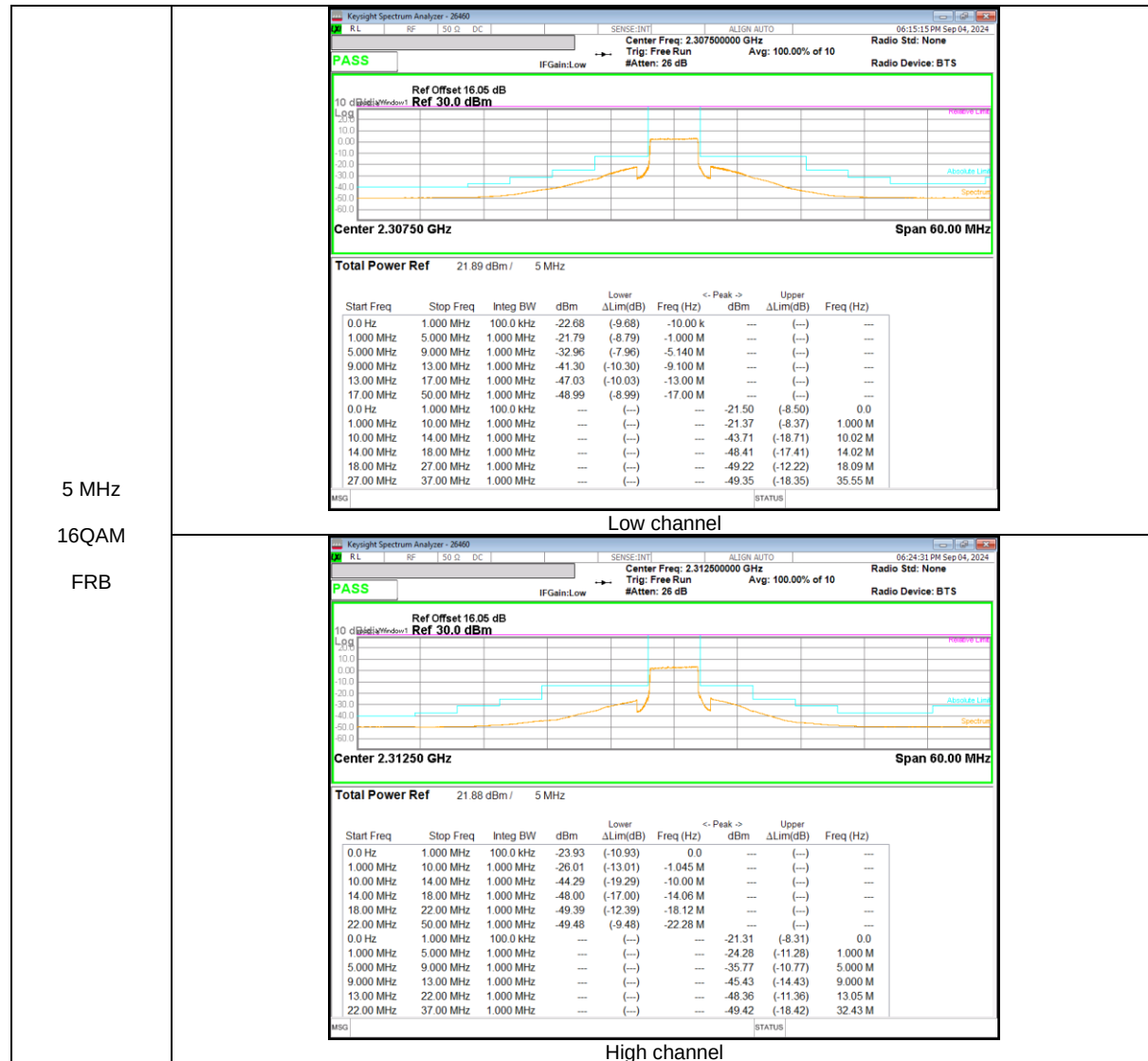




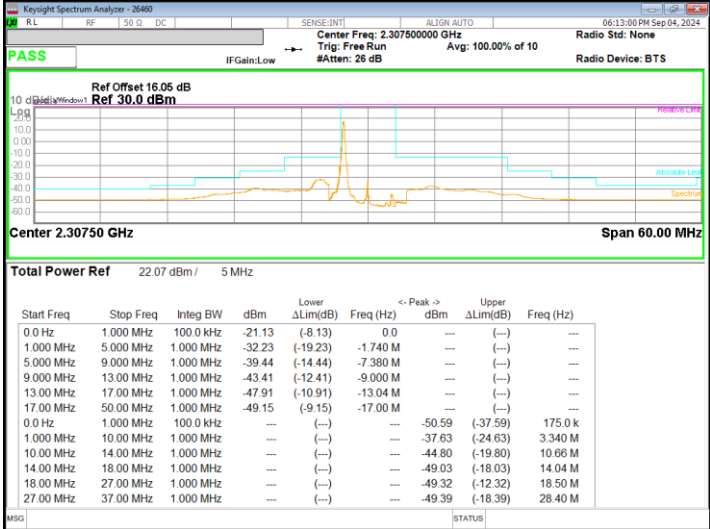
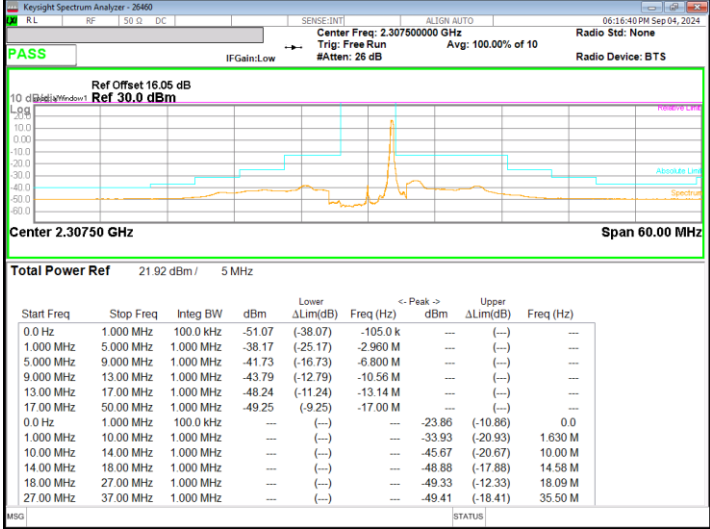
NR Band n30

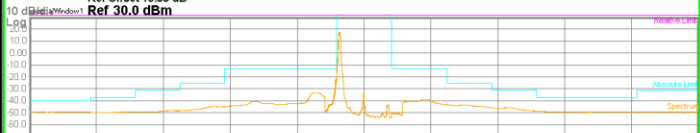


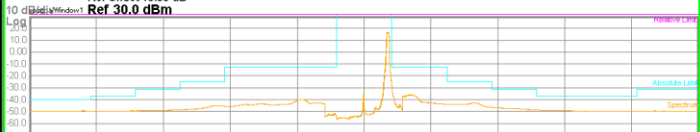




NR Band n30 1 RB (Worst Case)

5 MHz QPSK 1RB Offset 0	 Low channel
5 MHz 16QAM 1RB Offset 24	 Low channel

5 MHz QPSK 1RB Offset 0	KeySight Spectrum Analyzer - 26400 RL RF 50 Ω DC SENSE:INT ALIGN: AUTO 06:20:41 PM Sep 04, 2024 PASS IF Gain: Low --> Center Freq: 2.312500000 GHz Radio Std: None Trig: Free Run #Atten: 26 dB Avg: 100.00% of 10 Radio Device: BTS Ref Offset 16.05 dB Ref 30.0 dBm  Center 2.31250 GHz Span 60.00 MHz Total Power Ref 22.43 dBm / 5 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th><- Peak -> dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>-21.25</td><td>(-8.25)</td><td>0.0</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>1.000 MHz</td><td>10.00 MHz</td><td>1.000 MHz</td><td>-33.02</td><td>(-20.02)</td><td>-1.810 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>10.00 MHz</td><td>14.00 MHz</td><td>1.000 MHz</td><td>-44.76</td><td>(-19.76)</td><td>-10.98 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>14.00 MHz</td><td>18.00 MHz</td><td>1.000 MHz</td><td>-48.20</td><td>(-17.20)</td><td>-14.82 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>18.00 MHz</td><td>22.00 MHz</td><td>1.000 MHz</td><td>-49.40</td><td>(-12.40)</td><td>-18.06 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>22.00 MHz</td><td>50.00 MHz</td><td>1.000 MHz</td><td>-49.44</td><td>(-9.44)</td><td>-22.14 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>---</td><td>(---)</td><td>-50.07</td><td>(-37.07)</td><td>180.0 k</td><td>---</td></tr><tr><td>1.000 MHz</td><td>5.000 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-38.78</td><td>(-25.78)</td><td>3.140 M</td><td>---</td></tr><tr><td>5.000 MHz</td><td>9.000 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-43.24</td><td>(-18.24)</td><td>5.020 M</td><td>---</td></tr><tr><td>9.000 MHz</td><td>13.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-45.72</td><td>(-14.72)</td><td>10.66 M</td><td>---</td></tr><tr><td>13.00 MHz</td><td>22.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-48.50</td><td>(-11.50)</td><td>13.00 M</td><td>---</td></tr><tr><td>22.00 MHz</td><td>37.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-49.43</td><td>(-18.43)</td><td>30.70 M</td><td>---</td></tr></table> MSG STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	<- Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	1.000 MHz	100.0 kHz	-21.25	(-8.25)	0.0	---	(---)	---	1.000 MHz	10.00 MHz	1.000 MHz	-33.02	(-20.02)	-1.810 M	---	(---)	---	10.00 MHz	14.00 MHz	1.000 MHz	-44.76	(-19.76)	-10.98 M	---	(---)	---	14.00 MHz	18.00 MHz	1.000 MHz	-48.20	(-17.20)	-14.82 M	---	(---)	---	18.00 MHz	22.00 MHz	1.000 MHz	-49.40	(-12.40)	-18.06 M	---	(---)	---	22.00 MHz	50.00 MHz	1.000 MHz	-49.44	(-9.44)	-22.14 M	---	(---)	---	0.0 Hz	1.000 MHz	100.0 kHz	---	(---)	-50.07	(-37.07)	180.0 k	---	1.000 MHz	5.000 MHz	1.000 MHz	---	(---)	-38.78	(-25.78)	3.140 M	---	5.000 MHz	9.000 MHz	1.000 MHz	---	(---)	-43.24	(-18.24)	5.020 M	---	9.000 MHz	13.00 MHz	1.000 MHz	---	(---)	-45.72	(-14.72)	10.66 M	---	13.00 MHz	22.00 MHz	1.000 MHz	---	(---)	-48.50	(-11.50)	13.00 M	---	22.00 MHz	37.00 MHz	1.000 MHz	---	(---)	-49.43	(-18.43)	30.70 M	---
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High channel																																																																																																																						

5 MHz 16QAM 1RB Offset 24	KeySight Spectrum Analyzer - 26400 RL RF 50 Ω DC SENSE:INT ALIGN: AUTO 06:22:55 PM Sep 04, 2024 PASS IF Gain: Low --> Center Freq: 2.312500000 GHz Radio Std: None Trig: Free Run #Atten: 26 dB Avg: 100.00% of 10 Radio Device: BTS Ref Offset 16.05 dB Ref 30.0 dBm  Center 2.31250 GHz Span 60.00 MHz Total Power Ref 21.97 dBm / 5 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th><- Peak -> dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>-51.59</td><td>(-38.59)</td><td>-125.0 k</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>1.000 MHz</td><td>10.00 MHz</td><td>1.000 MHz</td><td>-39.81</td><td>(-26.81)</td><td>-3.070 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>10.00 MHz</td><td>14.00 MHz</td><td>1.000 MHz</td><td>-44.88</td><td>(-19.88)</td><td>-10.54 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>14.00 MHz</td><td>18.00 MHz</td><td>1.000 MHz</td><td>-48.53</td><td>(-17.53)</td><td>-14.02 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>18.00 MHz</td><td>22.00 MHz</td><td>1.000 MHz</td><td>-49.43</td><td>(-12.43)</td><td>-18.36 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>22.00 MHz</td><td>50.00 MHz</td><td>1.000 MHz</td><td>-49.43</td><td>(-9.43)</td><td>-22.70 M</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>---</td><td>(---)</td><td>-23.87</td><td>(-10.87)</td><td>0.0</td><td>---</td></tr><tr><td>1.000 MHz</td><td>5.000 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-35.95</td><td>(-22.95)</td><td>1.760 M</td><td>---</td></tr><tr><td>5.000 MHz</td><td>9.000 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-42.70</td><td>(-17.70)</td><td>7.380 M</td><td>---</td></tr><tr><td>9.000 MHz</td><td>13.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-46.58</td><td>(-15.58)</td><td>9.020 M</td><td>---</td></tr><tr><td>13.00 MHz</td><td>22.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-48.73</td><td>(-11.73)</td><td>13.00 M</td><td>---</td></tr><tr><td>22.00 MHz</td><td>37.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>-49.43</td><td>(-18.43)</td><td>28.38 M</td><td>---</td></tr></table> MSG STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	<- Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	1.000 MHz	100.0 kHz	-51.59	(-38.59)	-125.0 k	---	(---)	---	1.000 MHz	10.00 MHz	1.000 MHz	-39.81	(-26.81)	-3.070 M	---	(---)	---	10.00 MHz	14.00 MHz	1.000 MHz	-44.88	(-19.88)	-10.54 M	---	(---)	---	14.00 MHz	18.00 MHz	1.000 MHz	-48.53	(-17.53)	-14.02 M	---	(---)	---	18.00 MHz	22.00 MHz	1.000 MHz	-49.43	(-12.43)	-18.36 M	---	(---)	---	22.00 MHz	50.00 MHz	1.000 MHz	-49.43	(-9.43)	-22.70 M	---	(---)	---	0.0 Hz	1.000 MHz	100.0 kHz	---	(---)	-23.87	(-10.87)	0.0	---	1.000 MHz	5.000 MHz	1.000 MHz	---	(---)	-35.95	(-22.95)	1.760 M	---	5.000 MHz	9.000 MHz	1.000 MHz	---	(---)	-42.70	(-17.70)	7.380 M	---	9.000 MHz	13.00 MHz	1.000 MHz	---	(---)	-46.58	(-15.58)	9.020 M	---	13.00 MHz	22.00 MHz	1.000 MHz	---	(---)	-48.73	(-11.73)	13.00 M	---	22.00 MHz	37.00 MHz	1.000 MHz	---	(---)	-49.43	(-18.43)	28.38 M	---
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